

Title (en)

Optical connector having a combined guide pin lock and grounding contact

Title (de)

Optischer Steckverbinder mit einer Kombination aus Führungszapfenverriegelung und Erdungskontakt

Title (fr)

Connecteur optique avec un système de verrouillage de tige de guidage formant un contact électrique à la terre

Publication

**EP 1182478 B1 20061129 (EN)**

Application

**EP 01117687 A 20010726**

Priority

US 64538800 A 20000824

Abstract (en)

[origin: EP1182478A1] An optical connector (24) comprising a housing (28); a shield member (36) located in the housing (28); a ferrule (54) and optical member assembly (30) located, at least partially, in the housing (28); at least one locating pin (32) connected to the ferrule (54) and optical member assembly (30); and at least one combined pin lock and grounding member (38). The locating pin (32) extends from a front end of the ferrule (54) and optical member assembly (30). The combined pin lock and grounding member (38) connects the locating pin (32) to the housing (28) and is adapted to electrically connect a mating member (25), in which the optical connector (24) is inserted, to the shield member (36). <IMAGE>

IPC 8 full level

**G02B 6/38** (2006.01); **G02B 6/40** (2006.01); **G02B 6/42** (2006.01)

CPC (source: EP US)

**G02B 6/3817** (2013.01 - EP US); **G02B 6/3885** (2013.01 - EP US); **G02B 6/4277** (2013.01 - EP US); **G02B 6/4292** (2013.01 - EP US); **G02B 6/4249** (2013.01 - EP US)

Cited by

US10330872B2; US9733437B2; WO2014209671A3; WO2015038413A1; WO2013186585A1; US10732361B2; US9921372B2; US10670813B2; US10678006B2; US10795091B2; WO2017146722A1; US10705303B2; US11249265B2; US11880077B2

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DOCDB simple family (publication)

**EP 1182478 A1 20020227**; **EP 1182478 B1 20061129**; AT E347118 T1 20061215; AT E469366 T1 20100615; CA 2353169 A1 20020224; CA 2353169 C 20110712; CA 2709390 A1 20020224; CA 2709390 C 20121218; DE 60124827 D1 20070111; DE 60124827 T2 20070628; DE 60142260 D1 20100708; EP 1659433 A1 20060524; EP 1659433 B1 20100526; JP 2002090583 A 20020327; US 6450697 B1 20020917

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**EP 01117687 A 20010726**; AT 01117687 T 20010726; AT 05025679 T 20010726; CA 2353169 A 20010716; CA 2709390 A 20010716; DE 60124827 T 20010726; DE 60142260 T 20010726; EP 05025679 A 20010726; JP 2001247186 A 20010816; US 64538800 A 20000824